

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-199997

(43)Date of publication of application : 31.07.1997

(51)Int.Cl.

H03J 7/02  
H04L 27/227

(21)Application number : 08-009874

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(22)Date of filing : 24.01.1996

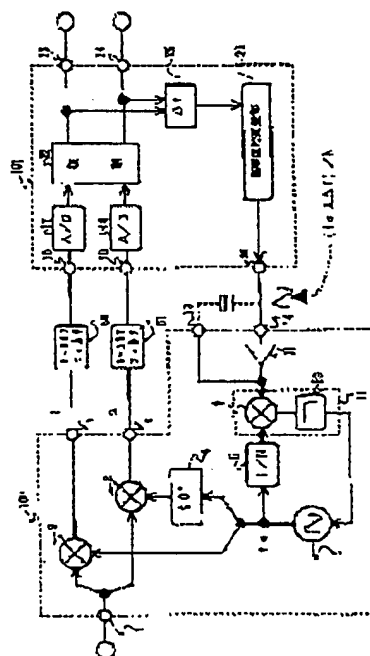
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## (54) AFC CIRCUIT

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide an AFC circuit correcting the detuned frequency for a reception signal in a receiver receiving a digital broadcast program.

SOLUTION: Frequency detuning data  $\Delta f$  being an output of an analog detection section 101 are obtained from an output of a digital demodulation section 100. A reference signal generating section 29 generates a reference frequency signal with a frequency (f) based on the frequency detuning data  $\Delta f$ . Since a feedback to satisfy a relation of the reference frequency signal  $f = (f_0 + \Delta f)/N$  is applied to the entire system by applying the reference frequency signal whose frequency is (f) to a PLL circuit 11 as a reference phase comparison signal, the detuned frequency is eliminated.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]